

Facility/Experiment	Mission Information	Duration	Location on ISS	Research Area
EXPRESS Racks 4 and 5	Mission 7A.1 STS-105	15 years	Destiny module	Multidisciplinary
Cellular Biotechnology Operations Support System	Mission 7A.1 STS-105	4 months (Return on STS-108, UF-1)	Mid-deck locker in EXPRESS Rack No. 4	Cell & tissue growth, cellular biotech research
Dynamically Controlled Protein Crystal Growth C and V	Mission 7A.1 STS-105	4 months (Return on STS-108, UF-1)	EXPRESS Rack No. 1 Destiny module	Physical Sciences – Protein crystallization
Renal Stone Investigation	Mission 7A.1 STS-105	40 months (Expeditions 3-12)	N/A – pre- and post-mission only	Human Life Sciences
Earth Knowledge Acquired by Middle school students	Mission 5A STS-98	15 years	Russian Service Module window	Space Flight Utilization – Earth observation and outreach
Advanced Protein Crystallization Facility	Mission 7A.1 STS-105	4 months (Return on STS-108, UF-1)	EXPRESS Rack No. 1, Locker 5	Physical Sciences – Protein crystallization
Dreamtime	Mission 7A.1 STS-105	4 months (Return on STS-108, UF-1)	Destiny module	Commercialization – HDTV technology
Materials International Space Station Experiment	Mission 7A.1 STS-105	Approx. 1 year	Outside airlock between PMA1 and Destiny	Physical Sciences
Subregional Bone	Mission 7A.1 STS-105	Approx 24 months (Expeditions 2-6)	N/A – Preflight and postflight data collection only	Human Life Sciences – bone and muscle
Crew Interactions	Mission 7A.1 STS-105	28 months (Expeditions 2-6)	HRF rack Destiny module	Human Life Sciences -- psychosocial
Hoffman-Reflex	Mission 5A.1 STS-102	Approx 1 year (Expeditions 2-4)	HRF Rack Destiny module	Human Life Sciences -- neurovestibular
Xenon 1	Mission 7A.1 STS-105	Approx 16 months (Expeditions 3-6)	N/A pre- and post-flight	Human Life Sciences
Pulmonary Function in Flight	Mission 7A.1 STS-105	Approx. 1 year (Expeditions 3-6)	HRF rack Destiny module	Human Life Sciences